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ABSTRACT

BIOREACTOR

THIS INVENTION FALLS INTO THE CATEGORY OF MICRO BIOTECHNOLOGY. THE CLAIM IS CREATION OF THE BIOREACTOR POPULATED WITH COMMUNITY OF MICROORGANISMS, WHICH PARTICIPATE IN THE PROCESS OF OXYGENATION OF CARBOHYDRATES OF THE NATURAL ORIGIN AND, AS A FINAL RESULT, PRODUCTION OF METHANE GAS – CH4. THE NEW BIOREACTOR MAKES POSSIBLE THE USE OF METHANE IN AUTOMOBILE AND ENERGY PRODUCTION. AT THE SAME TIME IT DOES NOT CREATE HARMFUL DISCHARGE INTO THE ATMOSPHERE AND KEEPS THE ENVIRONMENT 100% FREE OF CONTAMINATION. THIS INVENTION APPLIES A UNIQUE MAKEUP OF MICROORGANISMS: PRODUCERS OF METHANE. PRODUCED METHANE IS PUMPED THROUGH A SYSTEM OF PRESSURE REGULATORS INTO INTERNAL COMBUSTION ENGINES, WHICH ARE USED IN THE ENERGY PRODUCTION AND OTHER AREAS OF INDUSTRY. THE BIOREACTOR DOESN'T HAVE ANY ANALOGIES IN THE WORLD PRACTICE. ITS APPLICATION ALLOWS TO DISCONTINUE THE USE OF OIL AS THE BASIS FOR PRODUCTION OF GASOLINE AND TO REPLACE OTHER ENERGY PRODUCING MEDIA.

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